

AMENDMENTS TO THE CLAIMS

1-5. (Canceled)

6. (Currently Amended) An apparatus for generating an aggregation packet in a communication system, the apparatus comprising:

a buffer manager configured to for storing-store a plurality of data packets; and
an aggregation module configured to for receiving-receive the plurality of data packets from the buffer manager and aggregating at least two data packets comprising having-a same destination address and identical quality of service information among the plurality of received data packets to form a single aggregated packet, wherein-a header of each of the at least two data packets comprising includes-length information and a destination address, and-a header of the aggregated packet comprising includes-a destination address which is identical to the destination address included in the header of the at least two data packets.

7. (Canceled)

8. (Currently Amended) The apparatus of claim 6, wherein the aggregated packet comprises includes-a data section corresponding to each of the at least two data packets, the data section preceding the corresponding data packet.

9. (Currently Amended) The apparatus of claim 6, wherein the header of the aggregated packet further comprises includes-the length information of each of the at least two data packets.

10. (Currently Amended) The apparatus of claim 9, wherein the length information comprises is-information about a data length of each of the at least two data packets.

11. (Currently Amended) A method for generating an aggregation packet in a communication apparatus of a wireless communication system, the method comprising:
receiving a plurality of data packets in a buffer manager of the communications apparatus;

aggregating, by an aggregation module of the communications apparatus, at least two data packets comprising ~~having~~ a same destination address and identical quality of service information among the plurality of received data packets; and

generating, by the communications apparatus, a single aggregation packet from the aggregated packets by adding a header to the aggregated packets, ~~wherein~~ a header of each of the at least two data packets comprising ~~includes~~ length information and a destination address, ~~and~~ the header of the aggregation packet comprising ~~includes~~ a destination address which is identical to the destination address included in the header of the at least two data packets.

12. (Canceled)

13. (Currently Amended) The method of claim 11, wherein the aggregation packet comprises ~~includes~~ a data section corresponding to each of the at least two data packets, the data section preceding the corresponding data packet.

14. (Currently Amended) The method of claim 11, wherein the header of the aggregation packet further comprises ~~includes~~ the length information of each of the at least two data packets.

15. (Currently Amended) The method of claim 14, wherein the length information comprises ~~is~~ information about a data length of each of the at least two data packets.

16-19. (Canceled)

20. (Currently Amended) A method of generating an aggregation packet in communication apparatus of a wireless communication system, the method comprising:

receiving, by a buffer manager of the communications apparatus, a plurality of data packets and quality of service information associated with the packets, each of the data packets comprising a destination address and length information;

aggregating, by an aggregation module of the communications apparatus, at least two data packets comprising ~~having~~ the same destination address and identical quality of service information among the plurality of received data packets; and

generating a single aggregation packet from the aggregated packets by adding a header to the aggregated data packets, the header comprising ~~including~~ the destination address of the aggregated data packets.

21-22. (Canceled)

23. (Currently Amended) The method of claim 20, wherein the aggregation packet comprises ~~includes~~ a data section corresponding to each of the at least two data packets, the data section preceding the corresponding data packet.

24. (Currently Amended) The method of claim 20, wherein the header of the aggregation packet further comprises ~~includes~~ the length information of each of the at least two data packets.

25. (Currently Amended) The method of claim 20, wherein the length information comprises ~~is~~ information about a data length of each of the at least two data packets.

26. (Currently Amended) An apparatus for generating an aggregation packet in a communication system, the apparatus comprising:

a buffer manager for storing a plurality of data packets; and

an aggregation module for receiving the plurality of data packets from the buffer manager and aggregating at least two data packets comprising ~~having~~ a same destination address and identical quality of service (QoS) parameters among the plurality of received data packets to form a single aggregated packet, ~~wherein~~ a header of each of the at least two data packets comprising ~~includes~~ length information and a destination address, ~~and~~ a header of the aggregated packet comprising ~~includes~~ a destination address which is identical to the destination address included in the header of the at least two data packets.

27. (Currently Amended) A method for generating an aggregation packet in a communication apparatus of a wireless communication system, the method comprising the steps of:

receiving a plurality of data packets in a buffer manager of the communications apparatus;

aggregating, by an aggregation module of the communications apparatus, at least two data packets comprising ~~having~~ a same destination address and identical quality of service (QoS) parameters among the plurality of received data packets; and

generating, by the communications apparatus, a single aggregation packet from the aggregated packets by adding a header to the aggregated packets, ~~wherein~~ a header of each of the at least two data packets comprising ~~includes~~ length information and a destination address, ~~and~~ the header of the aggregation packet comprising ~~includes~~ a destination address which is identical to the destination address included in the header of the at least two data packets.